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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/722,689-Conf. #3913
				Filing Date	November 24, 2003
				First Named Inventor	Mario STEVENSON
				Art Unit	1635
				Examiner Name	Richard A. Schnizer
Sheet	1	of	4	Attorney Docket Number	UMY-034

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
R	A1*	US-6,428,073	07-30-2002	Alizon et al.	
	A2*	US-20020086356-A1	07-04-2002	Tuschi et al.	
	A3*	US-20030055020-A1	03-20-2003	Fire et al.	
	A4*	US-20030068821	04-10-2003	Lois-Caballe et al.	
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	A9*	US-20040229266-A1	11-18-2004	Tuschi et al.	
	A10*	US-20040259248-A1	12-23-2004	Tuschi et al.	
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	A12*	US-20050181382-A1	08-18-2005	Zamore et al.	
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	A14*	US-20050234007-A1	10-20-2005	Tuschi et al.	
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	A20*	US-20030101471-A1	05-29-2003	Baltimore et al.	
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	A24*	US-20040203145-A1	10-14-2004	Zamore et al.	
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	A26*	US-20050020525-A1	01-27-2005	McSwiggen et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
B	B1	WO-02/44321-A2	06-06-2002	Maxplanck-Gesellschaft		
	B2	WO-2004/014933-A1	02-19-2004	University of Massachusetts		
	B3	WO-2004/111191-A2	12-23-2004	University of Massachusetts		
B	B4	WO-2004/042027-A2	05-21-2004	University of Massachusetts		

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B5	WO-01/75164-A2	10-11-2001	Whitehead Institute for Biomedical Research		
B6	WO-2005/001043-A2	01-06-2005	University of Massachusetts		
B7	WO-03/006477-A1	01-23-2003	University of Massachusetts		
B8	WO-03/022052-A1	03-20-2003	California Institute of Technology		
B9	WO-2003/070193-A2	08-28-2003	Sirna Therapeutics, Inc.		
B10	WO-03/022228-A2	03-20-2003	California Institute of Technology		
B11	WO-03/102131-A2	12-11-2003	Sirna Therapeutics, Inc.		
B12	WO-03/022040-A2	03-20-2003	California Institute of Technology		
B13	WO-02/097114-A2	12-05-2002	Ribozyme Pharmaceuticals, Inc.		
B14	WO-2005/019453-A2	03-03-2005	Sirna Therapeutics, Inc.		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
B5	C1	Arteaga, Jose et al., "Choosing CCR5 or Rev siRNA in HIV-1," <i>Nature</i> , Vol. 21:230-31 (2003)		
	C2	Bernstein, Emily et al., "Role for a bidentate ribonuclease in the initiation step of RNA interference," <i>Nature</i> , Vol. 409:363-366 (2001)		
	C3	Billy, Eric et al., "Specific interference with gene expression induced by long, double-stranded RNA in mouse embryonal teratocarcinoma cell lines," <i>PNAS</i> , Vol. 98(25):14428-14433 (2001)		
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	C5	Bitko, Vira et al., "Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA," <i>BMC Microbiology</i> , Vol. 1(34): 1-11 (2001)		
	C6	Bowerman, Bruce et al., "A nucleoprotein complex mediates the integration of retroviral DNA," <i>Genes & Development</i> , Vol. 3:469-478 (1989)		
	C7	Brichacek, Beda et al., "Quantitative Competitive RNA PCR for Quantitation of Virion-Associated HIV-1 RNA," <i>Methods</i> , Vol. 12:294-299 (1997)		
	C8	Caplen, Natasha et al., "dsRNA-mediated gene silencing in cultured Drosophila cells: a tissue culture model for the analysis of RNA interference," <i>Gene</i> , Vol. 252:95-105 (2000)		
B5	C9	Caplen, Natasha et al., "Specific inhibition of gene expression by small double stranded RNAs		
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		In invertebrate and vertebrate systems," <i>PNAS</i> , Vol. 98(17):9742-9747 (2001)	
13	C10	Coburn, Glen et al., "Potent and Specific Inhibition of Human Immunodeficiency Virus Type 1 Replication by RNA Interference," <i>Journal of Virology</i> , Vol. 76(18):9225-9231 (2002)	
	C11	Dornburg, Ralph et al., "HIV-1 Gene Therapy: Promise for the Future," <i>Advances in Pharmacology</i> , Vol. 49:229-261 (2000)	
	C12	Elbashir, Sayda et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> , Vol. 411:494-498 (2001)	
	C13	Elbashir, Sayda et al., "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," <i>The EMBO Journal</i> , Vol. 20(23):6877-6888 (2001)	
	C14	Elbashir, Sayda et al., "RNA Interference is mediated by 21- and 22-nucleotide RNAs," <i>Genes & Development</i> , Vol. 15:188-200 (2001)	
	C15	Fire, Andrew et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> , Vol. 391:806-811 (1998)	
	C16	Hammond, Scott et al., "An RNA-directed nuclease mediates post-transcriptional gene silencing in <i>Drosophila</i> cells," <i>Nature</i> , Vol. 404:293-296 (2000)	
	C17	Hutvagner, György et al., "RNAi:nature abhors a double-strand," <i>Current Opinion in Genetics & Development</i> , Vol. 12:225-232 (2002)	
	C18	Ketting, René et al., "mut-7 of <i>C. elegans</i> , Required for Transposon Silencing and RNA Interference, Is a Homolog of Werner Syndrome Helicase and RNaseD," <i>Cell</i> , Vol. 99:133-141 (1999)	
	C19	Klimpton, Jacquelyn et al., "Detection of Replication-Competent and Pseudotyped Human Immunodeficiency Virus with a Sensitive Cell Line on the Basis of Activation of an Integrated β -Galactosidase Gene," <i>Journal of Virology</i> , Vol. 66(4):2232-2239 (1992)	
	C20	Li, Yuxia et al., "Molecular Characterization of Human Immunodeficiency Virus Type 1 Cloned Directly from Uncultured Human Brain Tissue: Identification of Replication-Competent and -Defective Viral Genomes," <i>Journal of Virology</i> , Vol. 65(8):3973-3985 (1991)	
	C21	Moore, John et al., "New Targets for Inhibitors of HIV-1 Replication," <i>Nature</i> , Vol. 1:40-49 (2000)	
	C22	Nykänen, Antti et al., "ATP Requirements and Small Interfering RNA Structure in the RNA Interference Pathway," <i>Cell</i> , Vol. 107:309-321 (2001)	
	C23	Paddison, Patrick et al., "Stable suppression of gene expression by RNAi in mammalian cells," <i>PNAS</i> , Vol. 99(3):1443-1448 (2002)	
	C24	Sharkey, Mark et al., "Persistence of episomal HIV-1 infection intermediates in patients on highly active anti-retroviral therapy," <i>Nature Medicine</i> , Vol. 6(1):76-81 (2000)	
	C25	Sharp, J.G. et al., "Oligonucleotide Enhanced Cytotoxicity of Idarubicin for Lymphoma Cells," <i>Leukemia and Lymphoma</i> , Vol. 42:417-427 (2001)	
	C26	Sharp, Philip. "RNA interference-2001," <i>Genes and Development</i> , Vol. 15:485-490 (2001)	
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13	C29	Wang, Ming-Bo et al., "High-efficiency silencing of a β -glucuronidase gene in rice is correlated with repetitive transgene structure but is independent of DNA methylation," <i>Plant Molecular Biology</i> , Vol. 43:67-82 (2000)	

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<input checked="" type="checkbox"/>	C30	Welker, Reinhold et al., "Virion Incorporation of Human Immunodeficiency Virus Type 1 Nef Is Mediated by a Bipartite Membrane-Targeting Signal: Analysis of Its Role in Enhancement of Viral Infectivity," <i>Journal of Virology</i> , Vol. 72(11):8833-8840 (1998)	
<input checked="" type="checkbox"/>	C31	Wesley, S. Varsha et al., "Construct design for efficient, effective and high-throughput gene silencing in plants," <i>The Plant Journal</i> , Vol. 27(6):581-590 (2001)	
<input checked="" type="checkbox"/>	C32	Yang, Shicheng et al., "Specific Double-Stranded RNA Interference in Undifferentiated Mouse Embryonic Stem Cells," <i>Molecular and Cellular Biology</i> , Vol. 21(22):7807-7816 (2001)	
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<input checked="" type="checkbox"/>	C34	International Search Report for Application No. PCT/US03/37860 dated 7/21/2005	
<input checked="" type="checkbox"/>	C35	Written Opinion for Application No. PCT/US03/37860 dated 5/31/2007	

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